

GPS VEHICLE TRACKER FM06

USER GUIDE V1.0.



1. INTRODUCTION

The **CDP FM06 Vehicle Tracker** uses the most advanced and modern GPS, GSM and GPRS technology. The device allows punctual location, tracking and protection of your vehicle thanks to its remote alarm function.

1. FEATURES

- Tracking via GPRS
- Spot location
- Time-lapse tracking
- SOS alert with button installable in the vehicle.
- Microphone to listen to what is happening in the vehicle (optional if the customer uses a SIM).
- Zone control: It will warn you if you enter or leave areas that you delimit
- Low battery alert
- Power outage alert
- Overspeed alert
- Internal rechargeable battery to make up for power outages
- Motion sensor and vibration warning
- With sleep mode to save battery and GPRS traffic
- Relay for ignition cut-off or to cut off any vehicle system
- Motion alert. It detects shocks or vibrations on your vehicle when it is stationary, warning of movement or collisions. Very useful for motorcycles since, sometimes, cars hit them when parking and leave without making a report.

2. CONSIDERATIONS

This manual shows how to use the device. Be sure to read this manual before using the product for the first time. Please note that technical specifications and information are subject to change without notice in this manual.



3. APPLICATIONS

- Car rental, fleet management, etc.
- Secret monitoring of criminal actions (robberies, thefts, etc.)
- Very interesting application for motorcycles.

4. FM06 UNIT INSTALLATION SCHEMATICS

Install the tracker in a hidden area. It is best to install it with the help of professional companies or dealer-authorized workers. Install it according to the installation diagram. Do not place the tracker in conjunction with emission sources, such as parking radar, alarms, and other communication terminals carried by the vehicle.

You can attach the tracker with a zip tie, or stick it with double-sided tapes.

Because the tracker has a GSM and GPS antenna inside, make sure that the receiving side of the GPS is facing up (facing the sky) and there are no metal parts above the tracker.

SUGGESTIONS:

Hidden area under the dashboard, under the front windscreen or rear windscreen.

ATTENTION:

If you have an athermic windshield, the efficiency of GPS signal reception will be reduced, and the GPS can't work well, you will need to find other places to install the tracker.



Kaza.es

Relé Cerrado

Relé Abierto

5. GETTING STARTED WITH THE EQUIPMENT

1. Functionalities and meaning of LEDs

RED LED	Meaning
Flashing every 2 seconds	Normal operation
Off	Device Off
GREEN or YELLOW LED	Meaning
Always on	Normal GPRS operation
Flashing	Looking for signal or No GSM signal
Off	Standby system
BLUE LED	Meaning
Always on	Normal GPS operation
Flashing	Looking for a signal or No GPS signal
Off	Standby system

1. First use

- Make sure the SIM card is installed.
- Check that the SIM card has not run out of credit.



6. STEPS TO INSTALL THE SIM

- 1.
- 2.
- 3.

1. Open the back cover by sliding the lid off.
2. Open the metal lid by sliding it back and lifting it when it unlocks, if you can't lift it don't force it and check that you have unlocked it.
3. Put the SIM in the drawing position, lower the metal cover and slide it forward to lock it. Set the internal switch to the ON position.

NOTE: (1) Before installing or removing the SIM card, place the power switch on the side of the terminal to the off position

7. CDP FM06 QUICK START

ONE STEP: In an interval of 10 - 40 seconds, the unit will start working and acquiring GSM signals as well as GPS signals. The indicator will flash every 3 seconds until the unit receives the signals. After that, **your device will be ready and connected to the internet!**

8. OPERATION

By means of a GPRS connection you can track a route from an Internet browser, on your tablet and on your Smartphone.

In this mode, you can:

- Create a fleet control system.
- Make a report of the routes taken.
- Receiving warnings for departure from the route or exceeding pre-set speed, etc.
- Create geofences, the device will send you SMS when you enter and leave areas that you prefix.

Highly advanced tracking option: Allows real-time and deferred tracking, knowing a route taken in real time or viewing routes stored on the server, as well as many other reporting functions, zone control, etc.

In order to use the tracking function, the device must have a GPRS connection.

In addition to the real-time report, the device has internal memory (Data logger). If there is a drop in the connection, when it is recovered it will send the lost data to the server, so we will never lose the route taken.

You will be able to control an infinite number of events such as:

Entry and exit from pre-set areas, speed, stopping or parking times, distances travelled, approximate fuel consumption, driver behaviour and much more.

* Watch demonstration videos on the product website <http://www.kaza.es>

To access the server or the mobile phone application, you will need to type the ID of your device located on the back of the device and by default the password will be the last six digits of the ID.

9. WEB SERVER

<http://www.petrack365.com/>

Tracking APP

10. SMS COMMANDS AND ADDITIONAL FUNCTIONS

This section explains all the commands that can be sent via SMS to configure, activate, or deactivate device features.

As it is a special M2M SIM for the device, you already have everything configured. So you won't have to use SMS settings unless you want to change some of the things that are already set by default.

Turn on disable defense mode:

When you remove the car key, the device sets up the defense mode after 3 minutes. In this mode, if the device notices vibrations for 5 seconds at a time, it will trigger an alarm to the APP.

By sending these commands with an SMS to the tracker you can disable this function.

ACCLOCK,123456,1	Auto Defense On (default)
ACCLOCK,123456,0	Auto Defense Disabled



4. TECHNICAL SPECIFICATIONS

- Red: GSM/GPRS.
- Bands: 850/900/1800/1900 Mhz
- Chipset: UBLOX7
- Sensitivity: 159 dBm
- Accuracy: 5 m
- Response Time:
 - Cold: 35 – 80 s
 - Hot: 35 s
 - And operating: 1 s
- Power supply: 9-75V DC
- Battery: 3.7V 370 mAh Li-ion as backup
- Storage: -40°C to +85°C
- Operation: -20°C to +55°C
- Humidity degree: 5%–95% non-condensing
- Weight: 85 g
- Dimensions: 94mm x 45mm x 10mm

11. CONTACT DETAILS

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IMPORTANT NOTICE:

Advanced Tecso, S.L. reserves the right to modify the manual and the characteristics of the product without prior notice. Also, some of the features described in this manual may vary depending on the version of the software that has been installed or the optional components purchased.

This device is designed for responsible use of privacy regulations. Advanced Tecso, S.L. will in no case be liable for possible sanctions arising from non-compliance with these rules by the user.